

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"2003152113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/10 15:30
L2	3	"20030152113"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/10 15:31
L3	35	"6690845"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/10 15:31
L4	2	"20020039464"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/10 15:38
L5	54	"4666236"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/04/10 15:40
L6	8	(US-20080044127-\$ or US-20080032109-\$ or US-20070111351-\$ or US-20070111344-\$). did. or (US-6117529-\$ or US-5949188-\$ or US- 5856434-\$).did. or (WO- 9914255-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2010/04/10 15:54
L7	1	((GUNTHER) near2 (LEISING)).INV. not L6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:54

L8	3	(US-20080044127-\$). did. or (WO- 2006091990-\$ or WO- 2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2010/04/10 15:54
L9	1	((ARNO) near2 (KLAMMINGER)).INV. not L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:54
L10	4	(US-20080044127-\$). did. or (WO- 2007128022-\$ or WO- 2007128021-\$ or WO- 2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2010/04/10 15:55
L11	1	((GREGOR) near2 (LANGER)).INV. not L10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:55
L12	1	((VOLKER) near2 (SCHMIDT)).INV. and "385".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:55
L13	1	((RIIKKA) near2 (REITZER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:55
L28	342	(US-20090214156-\$ or US-20090185775-\$ or US-20090162004-\$ or US-20090154872-\$ or US-20090129786-\$ or US-20090080830-\$ or US-20090067779-\$ or US-20090016671-\$ or US-20090016670-\$ or US-20090010591-\$ or US-20080310793-\$ or US-20080285910-\$ or US-20080273830-\$ or US-20080247704-\$ or US-20080247703-\$ or US-20080240648-\$ or US-20080226222-\$ or US-20080205817-\$ or US-20080199132-\$ or US-20080187267-\$ or US-20080170819-\$ or US-20080152278-\$ or US-20080118202-\$ or US-20080118199-\$ or US-20080107375-\$ or US-20080089640-\$). did. or (US-	US-PGPUB; USPAT	OR	OFF	2010/04/10 15:56

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US-20060110096-\$ or  
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20040240774-\$ or US-  
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6516104-\$ or US-

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4838633-\$ or US-				
4789214-\$ or US-				
4592619-\$ or US-				
4422088-\$ or US-				
4070516-\$).did.				



L29	18	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 waveguide\$1 lightguide\$1 light-guide\$1)) and (source\$1 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld \$1 detect\$4 pd\$1) and (photo adj1 (detector\$2 diode\$1) photodiode\$1 photodetect\$5) and 385/14.ccls. not 28	US-PGPUB; USPAT; USOCR	OR	OFF	2010/04/10 15:56
L30	2	(printed adj1 circuit adj1 board and optical adj1 waveguide and optoelectronic adj1 component and photon). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/04/10 15:57
S1	2	"20020028045"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 17:55
S2	20	"4762381"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 17:58
S3	2	"20020164118"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:04
S4	41	"5195154"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:05
S5	2	"20020081056"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:08
S6	35	"5541039"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:10
S8	8	((GUNTHER) near2 (LEISING)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:13
S10	3	((ARNO) near2 (KLAMMINGER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:15

S12	4	((GREGOR) near2 (LANGER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:16
S13	106	((VOLKER) near2 (SCHMIDT)).INV.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/14 18:20
S15	1	((VOLKER) near2 (SCHMIDT)).INV. and "385".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:20
S17	1	((RIIKKA) near2 (REITZER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 18:21
S19	62	iwaki-hideki.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2008/07/14 19:22
S20	13	("20020076161"   "20030002138"   "20040001661"   "5357122"   "5465315"   "5911018"   "6215585"   "6477284"   "6477286"   "6574408").PN. OR ("6885788").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/14 19:28
S21	1	"20040001661"	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 10:25
S22	18	(integrated adj2 photodetector adj2 amplifier) and (circuit adj1 board)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/15 19:05
S23	11	(photonic adj1 crystal adj1 lens)	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/07/15 19:29
S24	2400	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 wave- guide\$1 lightguide\$1 light-guide\$1)) and (vsel \$1 OE activ\$3 laser\$3 emit\$4 ld\$1 detect\$4 pd \$1)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 19:57

S25	286	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 waveguide\$1 lightguide\$1 light-guide\$1)) and (source\$1 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld \$1 detect\$4 pd\$1) and (photo adj1 (detector\$2 diode\$1) photodiode\$1 photodetect\$5) and 385/14.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/07/15 19:58
S26	11	"6684007"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 19:14
S27	15	(waveguide wave-guide (wave adj1 guide) lightguide light-guide (light adj1 guide)) same (polymer\$1 epox\$3 photosensitiv\$4) same ((two-photon (two adj1 photon\$1)) near2 absor \$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 20:29
S28	4	(waveguide wave-guide (wave adj1 guide) lightguide light-guide (light adj1 guide)) same (polymer\$1 epox\$3 photosensitiv\$4 resin \$1) same (two-photon (two adj1 photon\$1)) same writ\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 21:01
S29	526	(optoelectronic\$3 optoelectronic\$3) same (thin-film (thin adj1 film)) same (make made produc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 21:17
S30	58	(optoelectronic\$3 optoelectronic\$3) same (thin-film (thin adj1 film)) same (make made produc\$3) and "385". clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 21:18
S31	5	(optoelectronic\$3 optoelectronic\$3) same ((thin-film (thin adj1 film)) adj1 (technique\$1 method\$1)) same (make made produc\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 21:20

S32	16	(optoelectronic\$3 opto-electronic\$3) same ((thin-film (thin adj1 film)) adj1 (technique\$1 method\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/11 21:21
S33	2	"20040001661"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 14:24
S34	8	(US-20080044127-\$ or US-20080032109-\$ or US-20070111351-\$ or US-20070111344-\$). did. or (US-6117529-\$ or US-5949188-\$ or US-5856434-\$).did. or (WO-9914255-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2009/02/12 19:31
S35	0	((GUNTHER) near2 (LEISING)).INV. not S34	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:31
S36	3	(US-20080044127-\$). did. or (WO-2006091990-\$ or WO-2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2009/02/12 19:31
S37	1	((ARNO) near2 (KLAMMINGER)).INV. not S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:31
S38	4	(US-20080044127-\$). did. or (WO-2007128022-\$ or WO-2007128021-\$ or WO-2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2009/02/12 19:31
S39	0	((GREGOR) near2 (LANGER)).INV. not S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:31
S40	1	((VOLKER) near2 (SCHMIDT)).INV. and "385".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:32
S41	1	((RIIKKA) near2 (REITZER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:32

S42	18	(US-20040054303-\$ or US-20040042736-\$ or US-20020097962-\$ or US-20020039464-\$ or US-20020028045-\$). did. or (US-7177550-\$ or US-7155273-\$ or US-7072591-\$ or US-7058306-\$ or US-6845184-\$ or US-6785447-\$ or US-6769816-\$ or US-6706546-\$ or US-6690845-\$ or US-6684007-\$ or US-6611635-\$ or US-6343171-\$ or US-5063426-\$).did.	US-PGPUB; USPAT	OR	OFF	2009/02/12 19:32
S43	2	(integrated adj2 photodetector adj2 amplifier) and (circuit adj1 board) not S42	US-PGPUB; USPAT; USOCR	ADJ	OFF	2009/02/12 19:32
S44	319	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 waveguide\$1 lightguide\$1 light-guide\$1)) and (source\$1 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld \$1 detect\$4 pd\$1) and (photo adj1 (detector\$2 diode\$1) photodiode\$1 photodetect\$5) and 385/14.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/12 19:33
S45	58	(US-20080044127-\$ or US-20080025681-\$ or US-20070230876-\$ or US-20070147725-\$ or US-20070086696-\$ or US-20060147150-\$ or US-20060140534-\$ or US-20060133724-\$ or US-20060045421-\$ or US-20060013549-\$ or US-20040247236-\$ or US-20040190851-\$ or US-20040057673-\$ or US-20040008961-\$ or US-20040008928-\$ or US-20030128909-\$ or US-20030123773-\$ or US-20030113067-\$ or US-20020097962-\$ or	US-PGPUB; USPAT	OR	OFF	2009/02/12 19:35

		US-20020081056-\$ or US-20020041734-\$ or US-20020039464-\$ or US-20020028045-\$). did. or (US-7413353-\$ or US-7324716-\$ or US- 7302126-\$ or US- 7269027-\$ or US- 7251398-\$ or US- 7194173-\$ or US- 7088884-\$ or US- 7024065-\$ or US- 6879765-\$ or US- 6845184-\$ or US- 6825966-\$ or US- 6801679-\$ or US- 6785447-\$ or US- 6731840-\$ or US- 6704480-\$ or US- 6694069-\$ or US- 6690845-\$ or US- 6684007-\$ or US- 6611635-\$ or US- 6549708-\$ or US- 6343171-\$ or US- 6278809-\$ or US- 6219470-\$ or US- 6205264-\$ or US- 6088492-\$ or US- 5972516-\$).did. or (US- 5763055-\$ or US- 5737104-\$ or US- 5703989-\$ or US- 5643688-\$ or US- 5604835-\$ or US- 5598300-\$ or US- 5539569-\$ or US- 5261022-\$ or US- 3743962-\$).did.				
S46	0	(optoelectronic\$3 opto- electronic\$3) same (thin- film (thin adj1 film)) same (make made produc\$3) and 385/14. ccls. not S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/02/12 19:35

S48	0	(printed circuit board element optical waveguide optoelectronic component optical layer photoreactive material capable of two photon absorption processing the optoelectronic component is embedded in the optical layer the optical waveguide is structured by irradiation and a two photo absorption process).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	SAME	OFF	2009/02/12 19:37
S49	8	(US-20080044127-\$ or US-20080032109-\$ or US-20070111351-\$ or US-20070111344-\$). did. or (US-6117529-\$ or US-5949188-\$ or US-5856434-\$).did. or (WO-9914255-\$).did.	US-PGPUB; USPAT; EPO	OR	OFF	2009/09/14 11:43
S50	1	((GUNTHER) near2 (LEISING)).INV. not S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:43
S51	3	(US-20080044127-\$). did. or (WO-2006091990-\$ or WO-2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2009/09/14 11:44
S52	1	((ARNO) near2 (KLAMMINGER)).INV. not S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:44
S53	4	(US-20080044127-\$). did. or (WO-2007128022-\$ or WO-2007128021-\$ or WO-2005064381-\$).did.	US-PGPUB; EPO	OR	OFF	2009/09/14 11:45
S54	0	((GREGOR) near2 (LANGER)).INV. not S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:45
S55	1	((VOLKER) near2 (SCHMIDT)).INV. and "385".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:45

S56	1	((RII KKA) near2 (REITZER)).INV.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:46
S57	58	(US-20080044127-\$ or US-20080025681-\$ or US-20070230876-\$ or US-20070147725-\$ or US-20070086696-\$ or US-20060147150-\$ or US-20060140534-\$ or US-20060133724-\$ or US-20060045421-\$ or US-20060013549-\$ or US-20040247236-\$ or US-20040190851-\$ or US-20040057673-\$ or US-20040008961-\$ or US-20040008928-\$ or US-20030128909-\$ or US-20030123773-\$ or US-20030113067-\$ or US-20020097962-\$ or US-20020081056-\$ or US-20020041734-\$ or US-20020039464-\$ or US-20020028045-\$). did. or (US-7413353-\$ or US-7324716-\$ or US- 7302126-\$ or US- 7269027-\$ or US- 7251398-\$ or US- 7194173-\$ or US- 7088884-\$ or US- 7024065-\$ or US- 6879765-\$ or US- 6845184-\$ or US- 6825966-\$ or US- 6801679-\$ or US- 6785447-\$ or US- 6731840-\$ or US- 6704480-\$ or US- 6694069-\$ or US- 6690845-\$ or US- 6684007-\$ or US- 6611635-\$ or US- 6549708-\$ or US- 6343171-\$ or US- 6278809-\$ or US- 6219470-\$ or US- 6205264-\$ or US- 6088492-\$ or US- 5972516-\$).did. or (US- 5763055-\$ or US-	US-PGPUB; USPAT	OR	OFF	2009/09/14 11:48



		5737104-\$ or US- 5703989-\$ or US- 5643688-\$ or US- 5604835-\$ or US- 5598300-\$ or US- 5539569-\$ or US- 5261022-\$ or US- 3743962-\$).did.				
S58	2	(optoelectronic\$3 opto- electronic\$3) same (thin- film (thin adj1 film)) same (make made produc\$3) and "385". clas. not S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 11:48
S59	342	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 wave- guide\$1 lightguide\$1 light-guide\$1)) and (source\$1 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld \$1 detect\$4 pd\$1) and (photo adj1 (detector\$2 diode\$1) photodiode\$1 photodetect\$5) and 385/14.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 11:49
S60	25	(circuit adj1 board\$1) and (optic\$3 adj1 (waveguide\$1 wave- guide\$1 lightguide\$1 light-guide\$1)) and (source\$1 vsel\$1 OE activ\$3 laser\$3 emit\$4 ld \$1 detect\$4 pd\$1) and (photo adj1 (detector\$2 diode\$1) photodiode\$1 photodetect\$5) and ((direct\$2 UV ultraviolet ultra-violet) near2 writ \$4) and 385/14.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/09/14 11:56
S61	0	(printed adj1 circuit adj1 board and optical adj1 waveguide and photoreactive adj1 material and optoelectronic adj1 component and photon). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 12:04

S62	1	(printed adj1 circuit adj1 board and optical adj1 waveguide and optoelectronic adj1 component and photon). clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/09/14 12:04
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